

2010 KENTUCKY METHAMPHETAMINE LAB LAW ENFORCEMENT RESPONSE COSTS

INVESTIGATION/LAB DISCOVERY/DISPOSAL

1) PROACTIVE INVESTIGATION OF PSE LOGS

*AVG HOURLY RATE: \$37.578
Estimated Cost = **\$300.00** (10 hours/1 unit)

2) REACTIVE INVESTIGATION OF COMPLAINT

*AVG HOURLY RATE: \$37.578
Create Operational Plan - 1 Location
Estimated Cost = **\$300.64** (4 hours/2 units)

3) DISCOVERY OF A METHAMPHETAMINE LAB

Discover Lab - Stand on site - Assess, Dismantle, Dispose
*AVG HOURLY RATE: 37.578
*AVG OT RATE: 56.367
Estimated Cost = **\$ 1,202.50** (4 units/8 hours)
(This does not account for any overtime)

4) TRANSPORT OVERPACKED WASTE FROM SCENE AND COMPLETE ALL PAPERWORK

*AVG HOURLY RATE: \$37.578
Estimated Cost = **\$300.64** (4 hours/2 units)

5) COST OF SUPPLIES AT THE SCENE

TYVEK SUIT (\$102/per 6)	\$	68.00
INNER NITRIL GLOVES (6.86/per 100)	\$	1.09
OUTER NITRIL GLOVES (12.30/per 100)	\$	1.97
RESPIRATOR CARTIDGES (24.02 ea)	\$	48.04
DUCT TAPE (4.57 roll)	\$	4.57
TRANSFER PIPETTES (24.46/per 100)	\$	1.00
OVERPACK CONTAINERS (7.73 ea)	\$	15.46
NEUTRALIZERS (85.00 per bag)	\$	21.25
AIR TESTERS (DRAEGER TUBES) (54.68/4 tubes)	\$	13.67
pH Paper (11.31 per roll)	\$	1.00
Field Test Kit (19.50 10/per box)	\$	2.00
LAB COLLECTION KIT (14.95 ea)	\$	14.95
	\$	193.00

6) WASTE REMOVAL FOR DISPOSAL - 1 hour

A) ONE CERTIFIED RESPONDER TO MEET WITH WASTE CONTRACTOR

*AVG HOURLY RATE: **\$ 37.57**
Estimated Cost =

B) COST TO DISPOSE OF WASTE - via waste contractor

**\$55.00 per Overpack (excludes transportation costs)
Estimated Cost **\$ 110.00**

Total: \$2,144.35

TOTAL	2010	(1078 labs)	\$	2,311,609.30
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*per KSP Human Resources for sworn personnel

**per ChemPack Services

***per KSP agreement with UK

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ADDITIONAL ANNUAL COSTS

1) OSHA REGULATED PHYSICALS				
***\$700.00/est.per physical X apx. 80 KSP responders				\$ 56,000.00
2) AIR Monitor Replacement Cartridges				
\$167.00/ea X 16 response trailers				\$ 2,672.00

FORENSIC LAB ANALYSIS

2010 ANALYSIS - 3,312 items completed				
Cost per item is	\$165.00	x	3,312	\$ 546,480.00

TOTAL ANNUAL COSTS				\$ 2,916,761.30
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OTHER RELATED COSTS:

EQUIPMENT

1) Air Purifying Respirator - 1 per responder	\$	193.05
2) Self Container Breathing Apparatus - 2/response trailer	\$	3,800.00
3) Draeger Pump - 1/trailer	\$	310.00
4) Air Monitor - 1 per unit	\$	600.00
5) Meth Response Trailers	\$	5,600.00

1) **HOMEOWNER REMEDIATION** - Can cost \$1,000 to \$10,000 depending on circumstance

2) **LOCAL EMERGENCY MANAGEMENT SERVICES** ?

3) **LOCAL FIRE DEPARTMENT** ?

4) **LOCAL JAIL EXPENSE** ?

4) **UNCOMPENSATED HEALTH CARE** ?

ARRESTS FOR METH RELATED CHARGES:

COSTS FOR TRIAL PLEA AGREEMENT, PUBLIC DEFENDER

In 2009, KY had 1,354 arrest for meth related offenses
 The minimum cost for Trial, Plea agreement, public defender and cost for probation and parole = \$1,825.00 per person
 The total cost, without incarceration = \$2,471,050.00

COSTS FOR INCARCERATION

In 2009, snapshots of the numbers of those housed by the Kentucky Department of Corrections on meth related charges indicated an average of 1,216 offenders.
 1,216 meth offenders x \$54.75 per day x 365 days = \$24,300,240.00.

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